| L          | Hits | Search Text   | DB  | Time stamp          |
|------------|------|---|---|---------------------|
| Number     |      |   |   | A .                 |
| 1          | 229  | <pre>@ad&lt;20010625 and (logical or virtual or<br/>(read adj only)) adj page same zero</pre>                                       | USPAT;<br>US-PGPUB;<br>EPO; JPO             | 2004/11/05<br>15:48 |
| 2          | 59   | (read adj only)) adj page same (contain\$3  | USPAT;<br>US-PGPUB;                         | 2004/11/05<br>14:57 |
| 4          | 1    | or compris\$3) same zero<br>@ad<20010625 and ((logical or virtual or  | EPO; JPO<br>USPAT;                          | 2004/11/05          |
|            |      | (read adj only)) adj page) with (contain\$3 or compris\$3) near zero  | US-PGPUB;<br>EPO; JPO                       | 15:07               |
| 3          | 27   | <pre>@ad&lt;20010625 and ((logical or virtual or<br/>(read adj only)) adj page) same<br/>(contain\$3 or compris\$3) with zero</pre> | USPAT;<br>US-PGPUB;<br>EPO; JPO             | 2004/11/05<br>15:25 |
| 5          | 0    | @ad<20010625 and ((logical or virtual) adj page) same (contain\$3 or compris\$3 or includ\$3) with zero same (read adj only)        | USPAT;<br>US-PGPUB;<br>EPO; JPO             | 2004/11/05<br>15:26 |
| 6          | 98   | @ad<20010625 and (logical or virtual or page) same (contain\$3 or compris\$3 or   | USPAT;<br>US-PGPUB;                         | 2004/11/05<br>15:26 |
| 7          | 21   | includ\$3) with zero same (read adj only) @ad<20010625 and (logical or virtual or page) with (contain\$3 or compris\$3 or           | EPO; JPO<br>USPAT;<br>US-PGPUB;             | 2004/11/05<br>15:26 |
| 8          | 11   | includ\$3) with zero same (read adj only) @ad<20010625 and (logical or virtual or page) with (contain\$3 or compris\$3 or           | EPO; JPO<br>USPAT;<br>US-PGPUB;             | 2004/11/05          |
| 13         | 0    | includ\$3) with zero with (read adj only) @ad<20010625 and merg\$3 near (physical adj memory) same offset same length               | EPO; JPO<br>USPAT;<br>US-PGPUB;             | 2004/11/05<br>15:48 |
| 14         | 0    | @ad<20010625 and merg\$3 with (physical adj memory) same offset same length   | EPO; JPO<br>USPAT;<br>US-PGPUB;             | 2004/11/05<br>15:48 |
| 15         | 0    | @ad<20010625 and merg\$3 same (physical adj memory) same offset same length   | EPO; JPO<br>USPAT;<br>US-PGPUB;             | 2004/11/05<br>15:48 |
| 16         | 1    | @ad<20010625 and merg\$3 same (physical adj memory) and offset same length  | EPO; JPO<br>USPAT;<br>US-PGPUB;             | 2004/11/05<br>15:49 |
| 17         | 1    | <br>  @ad<20010625 and merg\$3 same (physical<br>  adj (cluster or memory)) and offset same   | EPO; JPO<br>USPAT;<br>US-PGPUB;             | 2004/11/05<br>15:49 |
| 18         | 0    | length<br>@ad<20010625 and merg\$3 same ((physical<br>or memory) adj cluster) and offset same                                       | EPO; JPO<br>USPAT;<br>US-PGPUB;             | 2004/11/05<br>15:49 |
| _          | 0    | length<br>@ad<20010625 and (physical adj memory adj<br>page) and (physical adj cluster)   | EPO; JPO<br>USPAT;<br>US-PGPUB;             | 2004/11/04<br>14:07 |
| _          | 3    | @ad<20010625 and (physical adj memory adj<br>page) and ((physical or memory) adj  | EPO; JPO<br>USPAT;<br>US-PGPUB;             | 2004/11/04<br>14:14 |
| -          | 19   | cluster) @ad<20010625 and (physical adj memory adj page) and (logical\$2 adj page)  | EPO; JPO<br>USPAT;<br>US-PGPUB;<br>EPO; JPO | 2004/11/04<br>14:15 |
| <b>'</b> - | 0    | <pre>@ad&lt;20010625 and (physical adj memory adj<br/>page) and (logical\$2 adj page) and</pre>                                     | USPAT;<br>US-PGPUB;                         | 2004/11/04<br>14:15 |
| _          | 19   | cluster<br>@ad<20010625 and (physical adj memory adj<br>page) and (logical\$2 adj page)   | EPO; JPO<br>USPAT;<br>US-PGPUB;<br>EPO; JPO | 2004/11/04<br>14:24 |
| _          | 26   | @ad<20010625 and (physical adj memory adj<br>page) and ((logical\$2 or virtual) adj<br>page) and 4K                                 | USPAT;<br>US-PGPUB;                         | 2004/11/04<br>14:24 |
| -          | 12   | <b>.</b>  | EPO; JPO<br>USPAT;<br>US-PGPUB;<br>EPO; JPO | 2004/11/04<br>14:31 |
| -          | 22   | writ\$3) adj data @ad<20010625 and (creat\$3 or generat\$3) near ((logical\$2 or virtual) adj page) and (offset or length)          | USPAT;<br>US-PGPUB;<br>EPO; JPO             | 2004/11/04<br>14:32 |

|   | ,· · · · |   |                       | T          |
|---|----------|---|-----------------------|------------|
| - | 3        | @ad<20010625 and (creat\$3 or generat\$3)   | USPAT;                | 2004/11/04 |
|   |          | near ((logical\$2 or virtual) adj page)<br>and (offset or length) and (physical near                    | US-PGPUB;<br>EPO; JPO | 14:36      |
|   | 1        | (memory or cluster))  | EPO; JPO              |            |
| _ | 53       | @ad<20010625 and (creat\$3 or generat\$3)   | USPAT;                | 2004/11/04 |
|   |          | with ((logical\$2 or virtual) adj page)   | US-PGPUB;             | 14:36      |
|   |          | and (offset or length) and (physical near   | EPO; JPO              |            |
|   |          | (memory or cluster)) and 4K   |                       |            |
| - | 5        | @ad<20010625 and (creat\$3 or generat\$3)   | USPAT;                | 2004/11/04 |
|   |          | with ((logical\$2 or virtual) adj page)   | US-PGPUB;             | 14:43      |
|   |          | and (offset with length) and (physical  | EPO; JPO              |            |
| _ | 0        | near (memory or cluster)) and 4K @ad<20010625 and (creat\$3 or generat\$3)                              | HCDNM.                | 2004/11/04 |
|   |          | with ((logical\$2 or virtual) adj page)   | USPAT;<br>US-PGPUB;   | 14:44      |
| ļ |          | same read\$lonly same zeros   | EPO; JPO              | 13.33      |
| - | 0        | @ad<20010625 and (creat\$3 or generat\$3)   | USPAT;                | 2004/11/04 |
|   | 1        | with ((logical\$2 or virtual) adj page)   | US-PGPUB;             | 14:44      |
|   |          | same read adj only same zeros   | EPO; JPO              |            |
| - | 5        | @ad<20010625 and (creat\$3 or generat\$3)   | USPAT;                | 2004/11/04 |
|   |          | with ((logical\$2 or virtual) adj page)   | US-PGPUB;             | 14:44      |
|   | -        | and read adj only same zeros  | EPO; JPO              | 0004/77/01 |
| _ | 1        | @ad<20010625 and (creat\$3 or generat\$3)   | USPAT;                | 2004/11/04 |
|   |          | with ((logical\$2 or virtual) adj page)<br>and (read adj only) with zeros                               | US-PGPUB;             | 14:46      |
| _ | 0        | and (read adj only) with zeros<br>  @ad<20010625 and (creat\$3 or generat\$3)                           | EPO; JPO<br>USPAT;    | 2004/11/04 |
|   |          | with ((logical\$2 or virtual) adj page)   | US-PGPUB;             | 14:46      |
|   |          | same length same offset same writ\$3  | EPO; JPO              |            |
| _ | 0        | @ad<20010625 and (creat\$3 or generat\$3)   | USPAT;                | 2004/11/04 |
|   |          | with ((logical\$2 or virtual) adj page)   | US-PGPUB;             | 14:47      |
|   |          | same length same offset   | EPO; JPO              |            |
| - | 3        | @ad<20010625 and (creat\$3 or generat\$3)   | USPAT;                | 2004/11/04 |
|   |          | with ((logical\$2 or virtual) adj page)   | US-PGPUB;             | 14:50      |
| _ | 3        | and (length with offset) with data  | EPO; JPO              | 2004/11/04 |
| _ | 3        | <pre>@ad&lt;20010625 and (forward\$3 or send\$3 or<br/>transmit\$4) with ((logical\$2 or virtual)</pre> | USPAT;<br>US-PGPUB;   | 2004/11/04 |
|   |          | adj page) same (storage adj (resource or  | EPO; JPO              | 14.52      |
|   |          | device))  | 110, 010              |            |
| _ | 3        | @ad<20010625 and (forward\$3 or send\$3 or  | USPAT;                | 2004/11/04 |
|   |          | transmit\$4) with ((logical\$2 or virtual)  | US-PGPUB;             | 14:52      |
|   |          | adj page) same (storage near (resource or   | EPO; JPO              |            |
|   | _        | device))  |                       |            |
| - | 5        | @ad<20010625 and (forward\$3 or send\$3 or  | USPAT;                | 2004/11/04 |
|   |          | transmit\$4) with ((logical\$2 or virtual) adj page) same (storage with (resource or                    | US-PGPUB;             | 14:53      |
|   | į        | adj page; same (storage with (resource or   device))  | EPO; JPO              |            |
| _ | 44       |   | USPAT;                | 2004/11/04 |
|   |          | adj page) same (stor\$3 with subsequent\$2)   | US-PGPUB;             | 14:53      |
|   |          | •   | EPO; JPO              |            |
| - | 33       | @ad<20010625 and ((logical\$2 or virtual)   | USPAT;                | 2004/11/04 |
|   |          | adj page) with (stor\$3 with subsequent\$2)   | US-PGPUB;             | 14:55      |
|   |          | Red < 20010 C25 and 1/3 and 3 40  | EPO; JPO              | 2004/21/21 |
| - | 2        | @ad<20010625 and ((logical\$2 or virtual)   | USPAT;                | 2004/11/04 |
|   |          | adj page) with (stor\$3 near subsequent\$2)   | US-PGPUB;<br>EPO; JPO | 14:53      |
| _ | 7        | <pre>@ad&lt;20010625 and ((logical\$2 or virtual)</pre>   | EPO; JPO<br>USPAT;    | 2004/11/04 |
|   | <b>'</b> | adj page) with (stor\$3 with subsequent\$2)   | US-PGPUB;             | 14:59      |
|   |          | and map\$4 and 4K and (physical near page)  | EPO; JPO              |            |
| - | 0        |   | USPAT;                | 2004/11/04 |
|   |          | adj page) same (stor\$3 with subsequent\$2)   | US-PGPUB;             | 14:59      |
|   |          | and (translat\$3 or map\$4) and 4K and  | EPO; JPO              |            |
|   |          | (physical adj (memory or address or   |                       |            |
| _ | [        | page)) and TLB and VMM  |                       | 0004/11/01 |
| - | 9        | @ad<20010625 and ((logical\$2 or virtual)   | USPAT;                | 2004/11/04 |
|   |          | <pre>adj page) same (stor\$3 with subsequent\$2) and (translat\$3 or map\$4) and 4K and</pre>           | US-PGPUB;<br>EPO; JPO | 15:03      |
|   |          | (physical adj (memory or address or   | BEO, UPO              |            |
|   | İ        | page)) and TLB  |                       |            |
| - | 2        | @ad<20010625 and divid\$3 with (physical  | USPAT;                | 2004/11/04 |
|   |          | adj (memory or page)) with cluster  | US-PGPUB;             | 15:05      |
|   |          |   | EPO; JPO              |            |

|   | 2   | @ad<20010625 and divid\$3 with (physical  | USPAT;                | 2004/11/04 |
|---|-----|---|-----------------------|------------|
|   | 2   | adj (memory or page)) same cluster  | US-PGPUB;             | 15:05      |
|   | 1.0 | 0-d<20010625 and divide2 th /nh and   | EPO; JPO              | 2004/11/04 |
| - | 19  | @ad<20010625 and divid\$3 with (physical  | USPAT;                | 2004/11/04 |
|   |     | adj (memory or page)) same 4K   | US-PGPUB;<br>EPO; JPO | 15:07      |
| _ | 2   | @ad<20010625 and divid\$3 with (physical  | USPAT;                | 2004/11/04 |
|   | 2   | adj (memory or page)) same 4K same data   | US-PGPUB;             | 15:08      |
|   |     | same (stor\$3 or receiv\$3)   | EPO; JPO              | 15.00      |
| _ | 2   | @ad<20010625 and (divid\$3 or creat\$3 or   | USPAT;                | 2004/11/04 |
|   | -   | generat\$3) with (physical adj (memory or   | US-PGPUB;             | 15:09      |
| 1 |     | page)) same 4K same data same (stor\$)  | EPO; JPO              | 10.03      |
| - | 12  | @ad<20010625 and (divid\$3 or creat\$3 or   | USPAT;                | 2004/11/04 |
|   |     | generat\$3) with (physical adj (memory or   | US-PGPUB;             | 15:13      |
|   |     | page)) same (cluster or 4K) same (stor\$)   | EPO; JPO              |            |
| - | 2   | @ad<20010625 and (divid\$3 or creat\$3 or   | USPAT;                | 2004/11/04 |
|   |     | generat\$3) same (physical adj (memory or   | US-PGPUB;             | 15:16      |
|   |     | page)) same (cluster or 4K) same (stor\$)   | EPO; JPO              |            |
|   |     | and (network adj (data or information or  |                       |            |
|   |     | layer))   |                       |            |
| - | 3   | @ad<20010625 and (divid\$3 or creat\$3 or   | USPAT;                | 2004/11/04 |
|   |     | generat\$3) same (physical adj (memory or   | US-PGPUB;             | 15:18      |
|   |     | page)) same (cluster or 4K) same (stor\$  | EPO; JPO              |            |
|   |     | or writ\$3 or read\$3) and (network adj   |                       |            |
| · | 1   | (data or information or layer))   | HGDDM.                | 2004/11/04 |
| _ | 1   | <pre>@ad&lt;20010625 and (divid\$3 or creat\$3 or<br/>generat\$3) same (physical adj (memory or</pre> | USPAT;<br>US-PGPUB;   | 2004/11/04 |
|   |     | page)) same (cluster or 4K) and (stor\$ or  | EPO; JPO              | 15:19      |
|   |     | writ\$3 or read\$3) same (network adj (data   | EFO, OFO              |            |
| İ |     | or information or layer))   |                       |            |
| - | 11  | @ad<20010625 and (divid\$3 or creat\$3 or   | USPAT;                | 2004/11/04 |
|   |     | generat\$3) same (physical adj (memory or   | US-PGPUB;             | 15:22      |
| ļ |     | page)) and (cluster or 4K) and (stor\$ or   | EPO; JPO              |            |
|   |     | writ\$3 or read\$3) same (network adj (data   |                       |            |
|   |     | or information or layer))   |                       |            |
| - | 19  | @ad<20010625 and (divid\$3 or creat\$3 or   | USPAT;                | 2004/11/04 |
|   |     | generat\$3 or send\$3 or forward\$3 or  | US-PGPUB;             | 15:23      |
|   |     | transmit\$4) same ((physical or logical)  | EPO; JPO              |            |
|   |     | adj (memory or page)) and (cluster or 4K)   |                       |            |
|   |     | and (stor\$ or writ\$3 or read\$3) same (network adj (data or information or                          |                       |            |
|   |     | layer))   | ,                     |            |
| _ | 10  | @ad<20010625 and (divid\$3 or creat\$3 or   | USPAT;                | 2004/11/04 |
|   | 10  | generat\$3 or send\$3 or forward\$3 or  | US-PGPUB;             | 15:29      |
|   |     | transmit\$4) same ((physical or logical)  | EPO; JPO              | 13.23      |
|   |     | adj (memory or page)) and (cluster or 4K)   |                       |            |
|   |     | and (stor\$ or writ\$3 or read\$3) same   |                       |            |
|   |     | (network adj (data or information or  |                       |            |
|   |     | layer)) and offset and length   |                       |            |
| - | 50  | @ad<20010625 and (divid\$3 or creat\$3 or   | USPAT;                | 2004/11/04 |
| i |     | generat\$3 or send\$3 or forward\$3 or  | US-PGPUB;             | 15:30      |
| j | İ   | transmit\$4) same ((physical or logical)  | EPO; JPO              |            |
|   | l   | adj (memory or page)) and (stor\$ or  |                       |            |
|   |     | writ\$3 or read\$3) same (network adj (data   |                       |            |
| _ | 4   | or information or layer))   | HCDAG                 | 2004/11/05 |
| - | 4   | <pre>@ad&lt;20010625 and (divid\$3 or creat\$3 or<br/>generat\$3 or send\$3 or forward\$3 or</pre>    | USPAT;                | 2004/11/05 |
|   | İ   | transmit\$4 or merg\$3) same ((physical or  | US-PGPUB;<br>EPO; JPO | 14:55      |
| 1 |     | logical) adj (memory or page)) and (stor\$  | EPU; JPU              |            |
|   |     | a and (wement or bade)) and (aroth)   | i e                   | 1          |
|   |     |   |                       |            |
|   |     | or writ\$3 or read\$3) same (network adj<br>(data or information or layer)) and                       |                       |            |